

CONFIDENTIAL
11-19-67

P-W

st

ELEV	6138	GR	KB	SPUD DATE	5-14-67	STATUS	COMP. DATE	5-19-67	TOTAL DEPTH	1113
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CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	x
None				DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	Dry

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
None			SAMPLE DESCRP. _____
			SAMPLE NO. _____
			CORE ANALYSIS _____
			DSTs _____
REMARKS			APP. TO PLUG <input checked="" type="checkbox"/>
LOST HOLE: LEFT 633' DRILL PIPE			PLUGGING REP. <input checked="" type="checkbox"/>
			COMP. REPORT <input checked="" type="checkbox"/>

Release Date **11-15-67**

(over)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG									
DESIGNATE TYPE OF COMPLETION:									
New Well <input type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/>	Dry <input checked="" type="checkbox"/>	
DESCRIPTION OF WELL AND LEASE									
Operator Kerr-McGee Corporation				Address Kerr-McGee Building, Okla. City, Okla.					
Federal, State or Indian Lease Number or name of lessor if fee lease Santa Fe				Well Number 4		Field & Reservoir Wildcat			
Location 660' FSL, 660' FWL				County Apache					
Sec. TWP-Range or Block & Survey Sec. 29-20N-29E									
Date spudded 5-14-67		Date total depth reached 5-17-67		Date completed, ready to produce		Elevation (DF, RKB, RT or Gr.) 6138		Elevation of casing hd. flange feet	
Total depth 1113		P.B.T.D.		Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.			
Producing interval (s) for this completion				Rotary tools used (interval) 0-1113		Cable tools used (interval)			
Was this well directionally drilled? No		Was directional survey made? No		Was copy of directional survey filed?		Date filed			
Type of electrical or other logs run (check logs filed with the commission) None						Date filed			
CASING RECORD									
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)									
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled			
None									
TUBING RECORD LINER RECORD									
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)		
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD					
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used			Depth Interval		
INITIAL PRODUCTION									
Date of first production		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)							
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)			
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio			
Disposition of gas (state whether vented, used for fuel or sold):									
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Geologist</u> of the <u>Kerr-McGee Corporation</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p><u>July 11, 1967</u> <u>[Signature]</u> Date Signature</p>									
CONFIDENTIAL Release Date _____ Permit No. <u>406</u>				STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy					

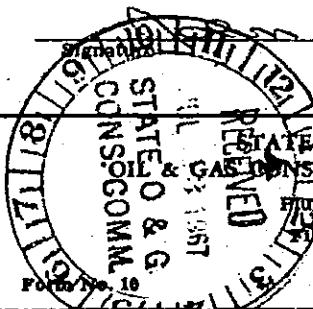
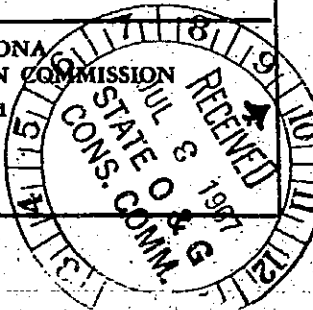
(Complete Reverse Side)

[illegible]

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.
This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

PLUGGING RECORD					
Operator Kerr-McGee Corporation			Address Kerr-McGee Building, Oklahoma City, Okla.		
Federal, State, or Indian Lease Number, or lessor's name if fee lease. Santa Fe		Well No. 4	Field & Reservoir Wildcat		
Location of Well 660' FSL, 660' FWL		Sec-Twp-Rge or Block & Survey Sec. 29-20N-29E		County Apache	
Application to drill this well was filed in name of Kerr-McGee Corporation		Has this well ever produced oil or gas No		Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry? X	
Date plugged: 5-19-67		Total depth 1113		Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls/day)	
Name of each formation con- taining oil or gas. Indicate which formation open to well- bore at time of plugging		Fluid content of each formation		Depth interval of each formation	
				Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement	
				0-280 w/40 sks	
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
None					
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
Kerr-McGee Corporation		Oklahoma City, Oklahoma			
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail. Lost Hole. - left 633' drill pipe & collars in hole.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Geologist</u> of the <u>Kerr-McGee Corporation</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date <u>6-26-67</u>					
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p style="font-size: 24px; font-weight: bold; margin: 0;">CONFIDENTIAL</p> <p style="margin: 5px 0;">Release Date _____</p> <p style="margin: 5px 0;">Permit No. <u>406</u></p> </div> <div style="text-align: center;">   </div> </div>					

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
 OPERATOR Kerr-McGee Corporation ADDRESS Oklahoma City, Oklahoma
 Federal, State, or Indian Lease Number Santa Fe WELL NO. 4
 or Lessor's Name if Fee Lease
 SURVEY 20N-29E SECTION 29 COUNTY Apache
 LOCATION 660' FS & WL

TYPE OF WELL Strat Test TOTAL DEPTH 1113
 (Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
 GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD None

2. FULL DETAILS OF PROPOSED PLAN OF WORK Plugs 0-280

Stuck drill pipe - backed off - left 633' drill pipe & collars
in hole.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS 5-19-67

NAME OF PERSON DOING WORK Kerr-McGee ADDRESS Okla. City, Okla.

CORRESPONDENCE SHOULD BE SENT TO John C. Meyer

Name Geologist

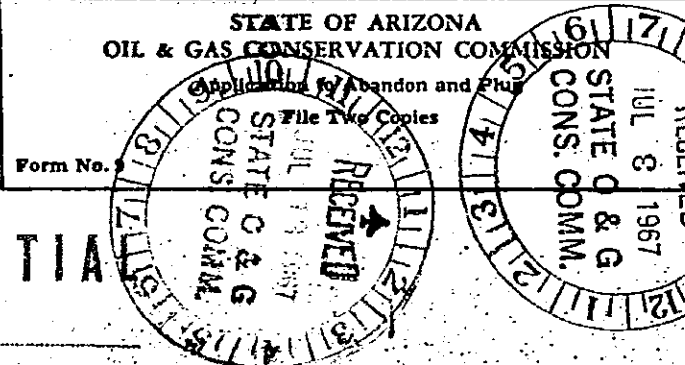
Title 710 Kerr-McGee Bldg., Okla. City, Okla.

Address

Date June 28, 1967

Date Approved _____
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

By: _____
 Permit No. 406



CONFIDENTIAL

Release Date _____

WELL SITE CHECK

Contractor Kern Mc Gee (Company) Person(s) Contacted John Meyer By JST Date 5-16-67

Spud Date _____

Type Rig Failng 1500 Rotary Cable Tool Present Operations Drilling

Samples No Impls taken

Pipe No Surface set Drilling with Air Mud

Water Zones _____ Size Hole 4 3/4

Lost Circ. Zones _____ Size Drill Pipe _____

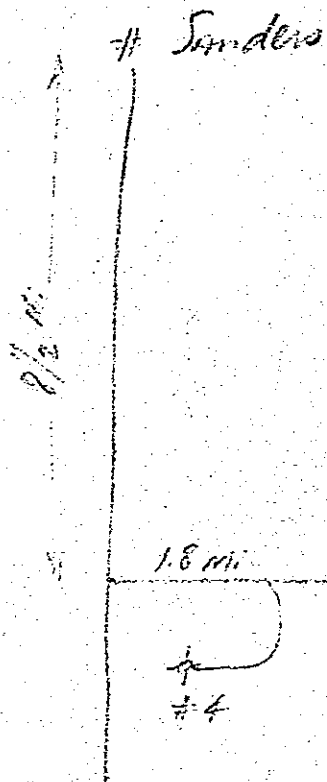
Formation Tops _____ Type Bit _____

Cores, Logs, DST _____ No. Bit Drilling Extra

Formation _____

Crews _____ Lithology _____

REMARKS, PHOTO, MAP



Have lost hole. Will plug and abandon. Lost circ. in Cocarino. Surface (dune) sands collapsed around pipe. Could not pull. Will move (5-18-67) on to #5 loc.

WELL NAME

Kern Mc Gee Santa Fe #4

Permit No.

406

Confidential: yes

No

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

Kerr-McGee Corporation

NAME OF COMPANY OR OPERATOR

710 Kerr-McGee Building

Oklahoma City

Oklahoma

Address

City

State

Kerr-McGee (Company Tools)

Drilling Contractor

Kerr-McGee Building, Oklahoma City, Oklahoma

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor
Santa Fe

Well number
Strat Test #4

Elevation (ground)
6100 est.

Nearest distance from proposed location
to property or lease line:

660

feet

Distance from proposed location to nearest drilling,
completed or applied—for well on the same lease:

feet

Number of acres in lease:

640

Number of wells on lease, including this well,
completed in or drilling to this reservoir:

If lease, purchased with one or more
wells drilled, from whom purchased:

Name

Address

Well location (give footage from section lines)
660 FWL, 660 FWL

Section-township-range or block and survey
33 29 20N 29E

Dedication (Comply with Rule 105)
640

Field and reservoir (if wildcat/so state)

Mineral Strat Test

County

Apache

Distance, in miles, and direction from nearest town or post office

9 mi. south Sanders, Arizona

Proposed depth:

1400

Rotary or cable tools

Rotary

Approx. date work will start

April 27, 1967

Bond Status on file

Organization Report

Filing Fee of \$25.00

Amount

On file X

Or attached

Attached X

Remarks:

Mineral Strat Test

to drill 4-3/4" hole from surface to total depth.

Geologist

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the _____ of the

Kerr-McGee Corporation

(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

April 25, 1967

Date

Permit Number:

406

Approval Date:

5-12-67

Approved By:

John Pannister

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

(Complete Reverse Side)

AP1 02-001-20030



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: Kerr-McGee Corporation
(OPERATOR)

to drill a well to be known as

Kerr-McGee #4 Santa Fe (strat test)
(WELL NAME)

located 660' FSL and FWL

Section 29 Township 20N Range 29E, Apache County County, Arizona.

The all of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 12th day of May, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By

John Bannister
EXECUTIVE SECRETARY

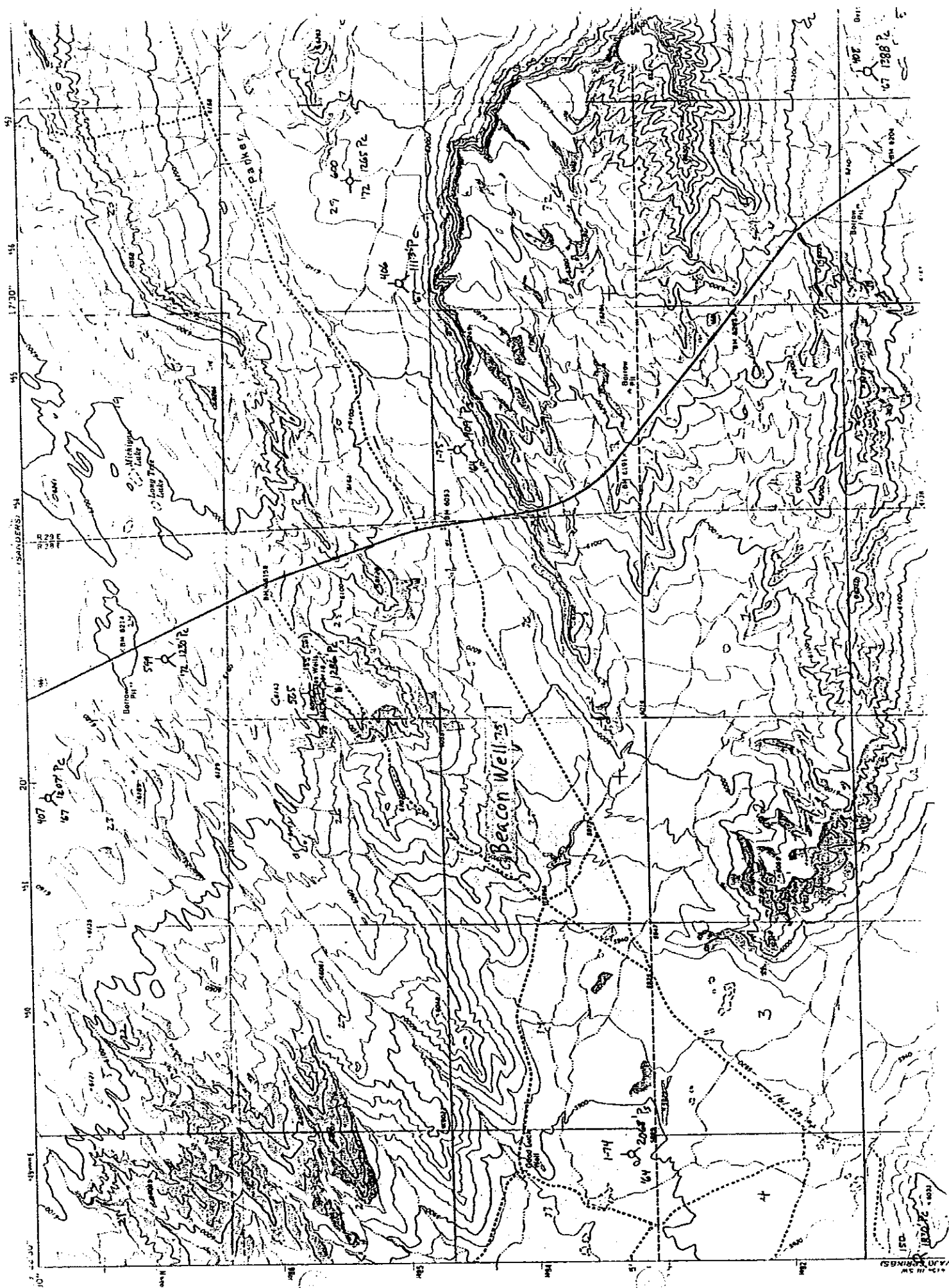
PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A AND B (S.A.C.G.) WITH RESPECT
TO THE PRODUCE TO BE PRODUCED.

PERMIT N° 406

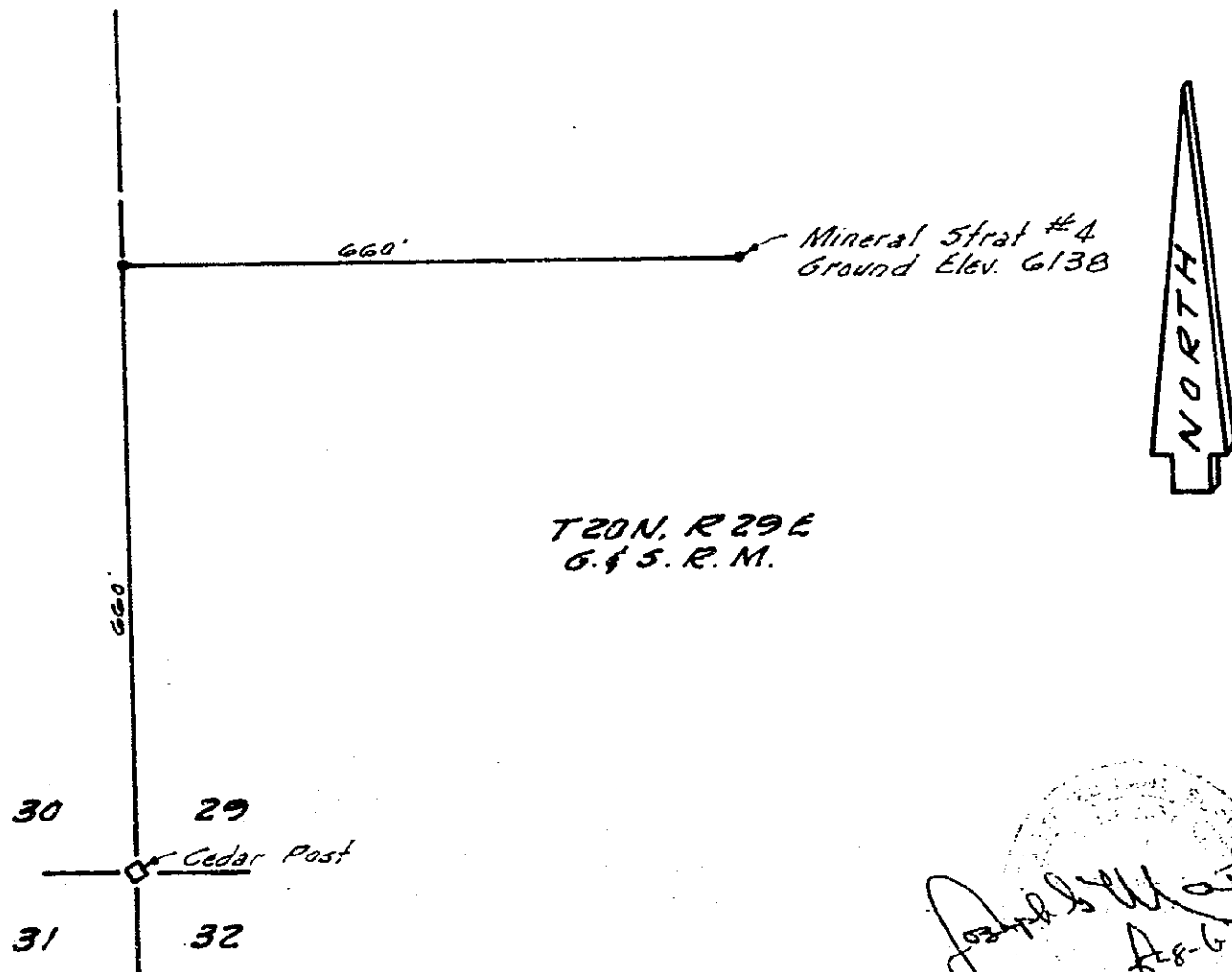
RECEIPT NO. 9498

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

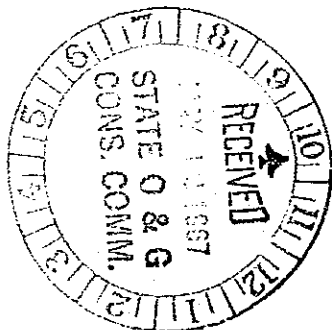


MINERAL STRAT No. 4
 PREPARED FOR KERR MCGEE CORP.
 SEC. 29, T20N, R29E, G. & S. R.M.
 STATE OF ARIZONA



Joseph S. Martinez
Aug 67

406



PREPARED BY:
 J. G. MARTINEZ & ASSOC.
 ENGINEERS—SURVEYORS
 N. M. P. E. & L. S. LIC. NO. 1765
 GALLUP NEW MEXICO
 Scale 1" = 200'
 Date 5-9-1967
 Drawing No. 05N-36

Operator KERR MC GEE ~~OIL INDUSTRIES INC.~~ Corporation
Bond Company Insurance Co. of N. America Amount 25,000
Bond No. M 41 95 25 (KN528) Date Approved 10-28-65

Permits covered by this bond:

CANCELLED

DATE 10-24-68

10	386	417
36	389	418
37	390	419
38	391	420
39	392	422
57	396	426
63	397	427
64	398	441
142	399	445
238	402	446
303	403	→ see this file
90	404	
91	405	
349	406	
303	407	
377	408	
378	409	
379	410	
380	411	
381	413	
384	414	
385	416	

superseded by
American Casualty Co. Bond
\$25,000
#5471020-52



KERR-McGEE

KERR-McGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

July 11, 1967

Mr. John Bannister
Arizona Oil & Gas Commission
1624 West Adams
Phoenix, Arizona 85007

Dear Sir:

RE: Kerr-McGee #1 Santa Fe strat test, Permit 402
Kerr-McGee #2 Santa Fe strat test, Permit 403
Kerr-McGee #3 Santa Fe strat test, Permit 404
Kerr-McGee #4 Santa Fe strat test, Permit 406
Kerr-McGee #5 Santa Fe strat test, Permit 407
Kerr-McGee #6 Santa Fe strat test, Permit 408
Kerr-McGee #10 Santa Fe strat test, Permit 405
Kerr-McGee #11 Santa Fe strat test, Permit 413
Kerr-McGee #12 Santa Fe strat test, Permit 414

We are returning the Plugging Record and Application to Plug forms on the above wells. We are also submitting for filing the Well Completion form for each well. We request the information to be kept confidential if there is a provision in your Rules and Regulations for so doing.

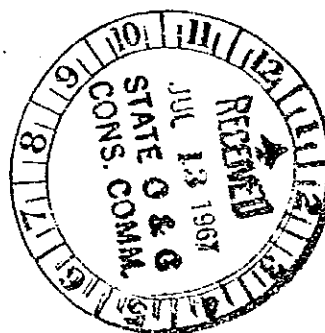
Electrical logs on wells where we were able to run them will be filed within 90 days from completion. It is requested that these logs be kept confidential for the six months period following completion.

Respectfully,

John C. Meyer
John C. Meyer

JCM/mk
Enclosures

CONFIDENTIAL

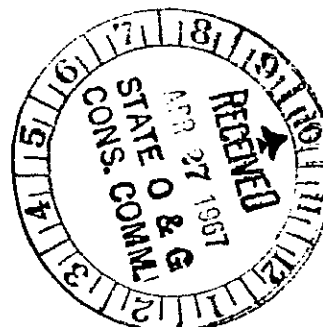




KERR-McGEE CORPORATION

KERR-McGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

April 26, 1967



Mr. John Bannister, Executive Secretary
Arizona Oil and Gas Conservation Commission
1624 Adams St.
Room 202
Phoenix, Arizona 85007

Dear Mr. Bannister:

Enclosed are Applications for Permit to Drill for Kerr-McGee Mineral Strat Tests #4 through #9. On April 24 we mailed Applications for Permit to Drill on Strat Tests #1, 2, 3 and 10. Attached to each enclosed Application is a check in the amount of \$25.

On each Application enclosed, as well as those already in your hands, is the well location given in footage from section lines. I find after talking to our Surveyor, Mr. J. G. Martinez, that in some cases he will be unable to stake the location to conform exactly with the footage on our Application. This change would be due to the desired location falling in a stock tank, feeding area or some other cultural obstacle. The footage that appears on the plats which Mr. Martinez will forward directly to you will be the location where we propose our Strat Test. If you would be kind enough to make any adjustments on our application form from the plats you will receive from Mr. Martinez, we would be greatly indebted.

The staking of the locations is progressing much slower than I had anticipated. I hope, however, that Mr. Martinez will be able to send to you plats for the four Applications now in your office within a very few days. After I think that they have arrived, I will contact you to determine whether permission to proceed with the program has been approved.

Very truly yours,
KERR-McGEE CORPORATION

John C. Meyer
John C. Meyer

JCM/mk

Enclosures: 6 Applications
6 Checks for \$25 each

406